

Work Order ID 102945

\*102945\*

Page 1

June 12-13 9:17:13 AM

Item ID: D3535-35 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Wearshoe  
 Start Date: 7/01/13 Start Qty: 10.00 \*10\* Cust Item ID:  
 Required Date: 7/01/13 Req'd Qty: 10.00 \*10\* Customer:  
 Reference:

Approvals: Process Plan: ML5 Date: 13-06-13 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3535	Rev B								
100	FLOW WATER JET	0.00							
*100*									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3535 Dwg Rev: <u>B</u> Prog Rev: <u>B</u> 2- Deburr if necessary								
304.040									
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
*110*									
QC	Memo	0.00							
Quality Control									
120	QC8- Inspect parts - second check	0.00							
*120*									
QC	Memo	0.00							
Quality Control									

12 EL 13-6-25

12 EL 11-6-25

12

DAS  
27  
26  
13626

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DQA: \_\_\_\_\_ Date: \_\_\_\_\_



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# Picklist Print

June-12-13 9:17:12 AM

Page 1

Work Order ID: 102945

Parent Item: D3535-35

Parent Item Name: Wearshoe

Start Date: 7/01/13

Required Date: 7/01/13

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 07-02-15 JLM  
IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S20GA 304/316 .040 Sheet		Purchased	No			100	sf	480.8986	0.8022	8.444211		13.06.25	

Location

Loc Qty

Loc Code

MAT020

480.89861

124029

117.15

124956

96.34861

m125754

267.4

125754

x 8.5

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



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DART AEROSPACE LTD		Work Order:	102945
Description: Wearshoe		Part Number:	D3535-35
Inspection Dwg: D3535	Rev: B	Page 1 of 1	

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.000	+/-0.010	2.001	✓		V Jkmo1	
1.885	+/-0.010	1.881	✓		"	
6.00	+/-0.030	6	✓		T Jkmo6	
6.75	+/-0.030	6.75	✓		"	
Ø0.188	+0.005/-0.001	197.	✓		V Jkmo1	
23.250	+/-0.010	23.25	✓		T Jkmo6	
19.750	+/-0.010	19.75	✓		T	
17.750	+/-0.010	17.75	✓		T	
14.250	+/-0.010	14.25	✓		"	
9.500	+/-0.010	9.5	✓		"	
4.750	+/-0.010	4.75	✓		"	
0.300	+/-0.010	.305	✓		✓	
0.300	+/-0.010	.307	✓		✓	
0.038	+/-0.010	0.034	✓		✓	

Measured by: EL	Audited by: <sup>25</sup> 27	Prototype Approval:	N/A
Date: 13-6-25	Date: 13-6-26	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.05.10	New Issue	KJ/JLM	BE

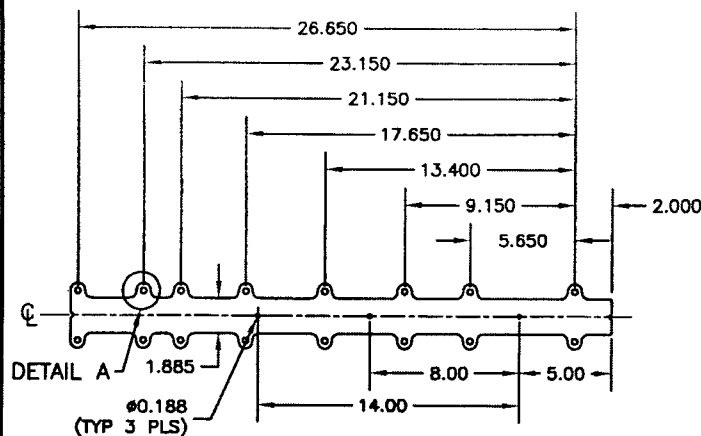


**DART**

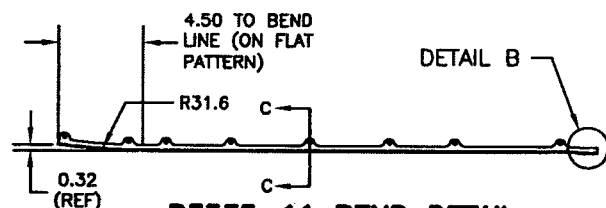
RELEASED

070424

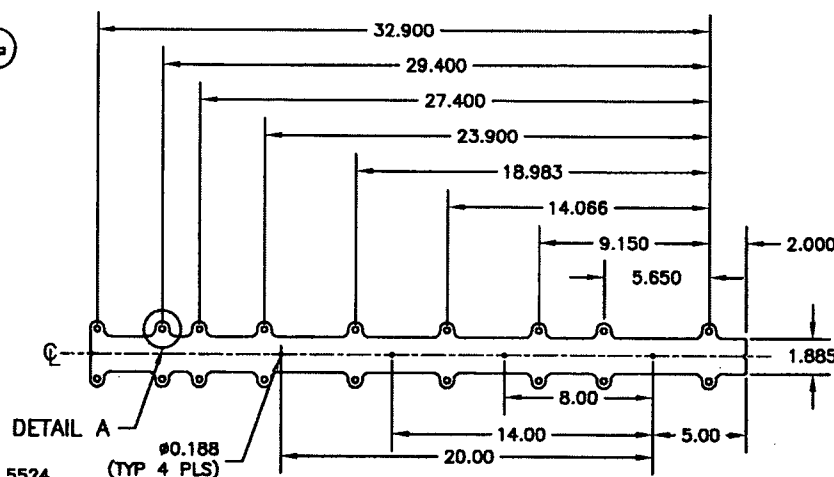
1029-15 MCL  
13-06-13



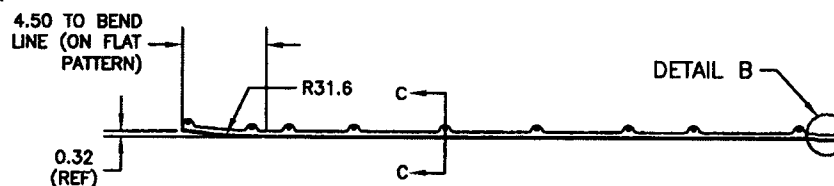
**D3535-11F FLAT PATTERN**



**D3535-11 BEND DETAIL**



**D3535-13F FLAT PATTERN**



**D3535-13 BEND DETAIL**

**NOTES**

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
- 3) PART IS SYMMETRICAL ABOUT C
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES TO 0.010 MAX
- 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION

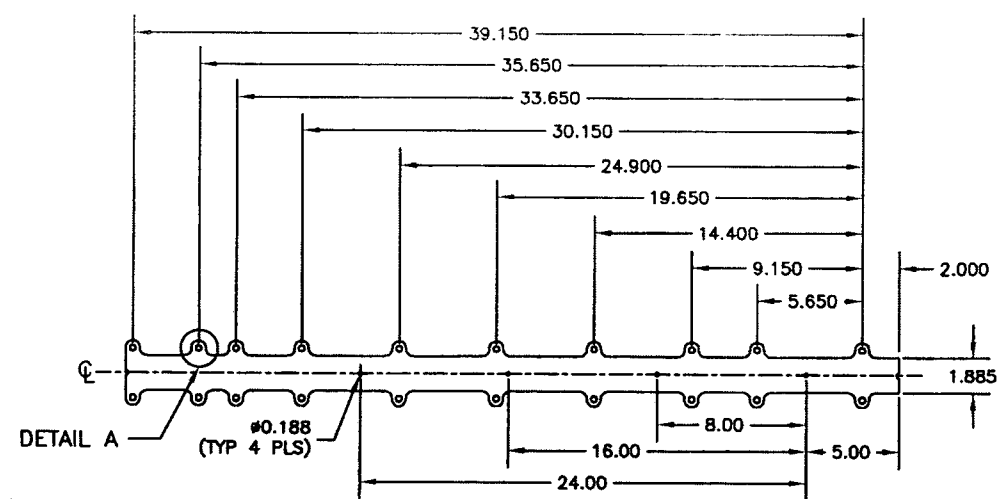
DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
CB	PH	PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO.
PH	PH	D3535
DATE	TITLE	REV. B
07.04.17	WEARSHOE	SHEET 1 OF 7
A	06.10.25	NEW ISSUE
B	07.04.17	MOVE TAB OUTBOARD, ADD AMS SPEC

**DART**

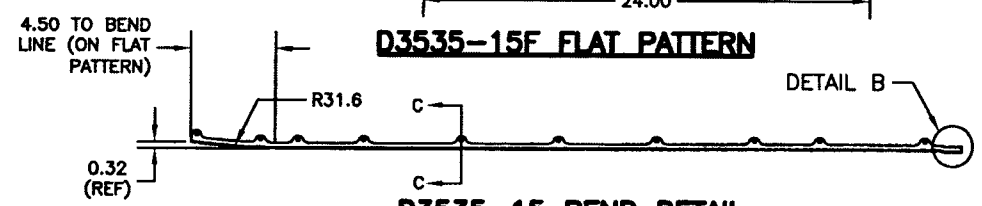
RELEASED

070424

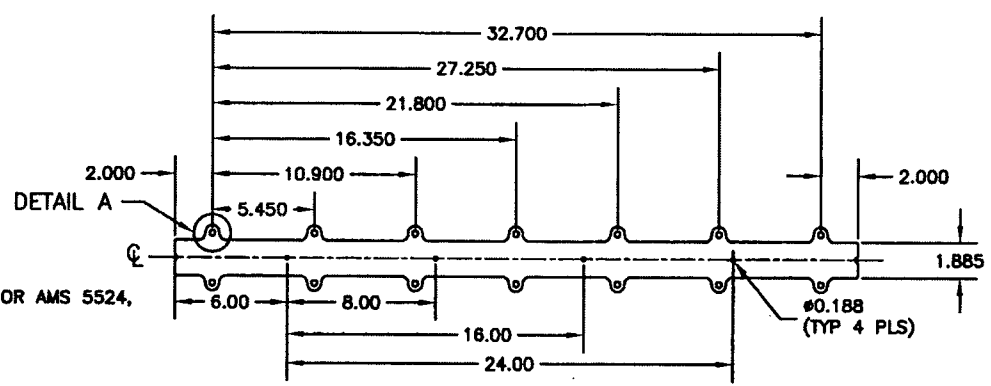
DESIGN	C.B.	DRAWN BY	PH	DART AEROSPACE USA, INC.
CHECKED		APPROVED		PORT HADLOCK, WA
DATE	07.04.17	DRAWING NO.	D3535	REV. B
TITLE	WEARSHOE	SHEET	2 OF 7	SCALE
				1:10



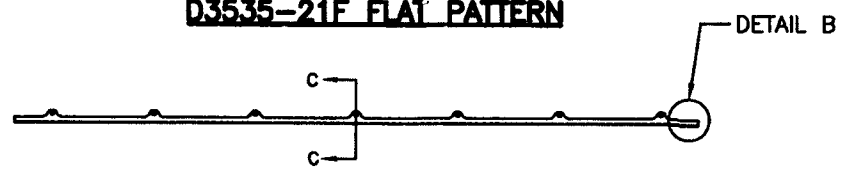
**D3535-15F FLAT PATTERN**



**D3535-15 BEND DETAIL**



**D3535-21F FLAT PATTERN**



**D3535-21 BEND DETAIL**

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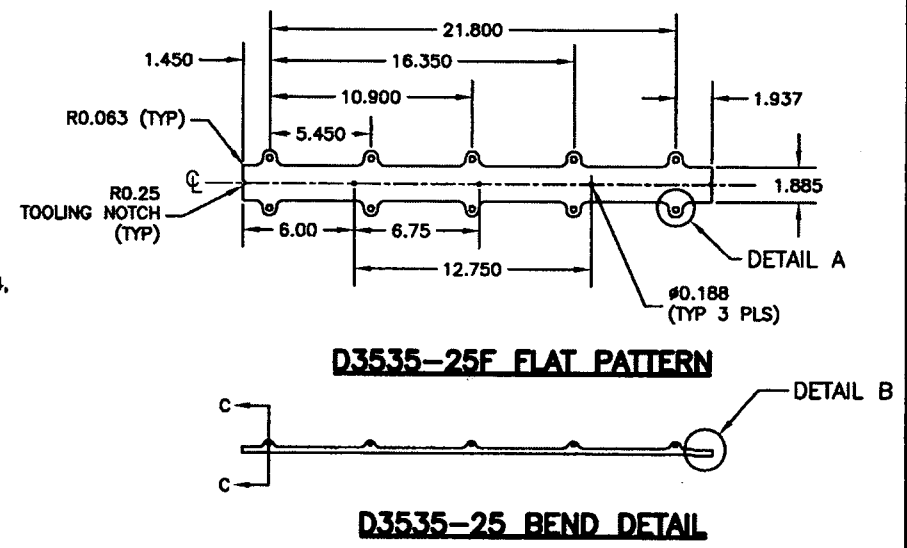
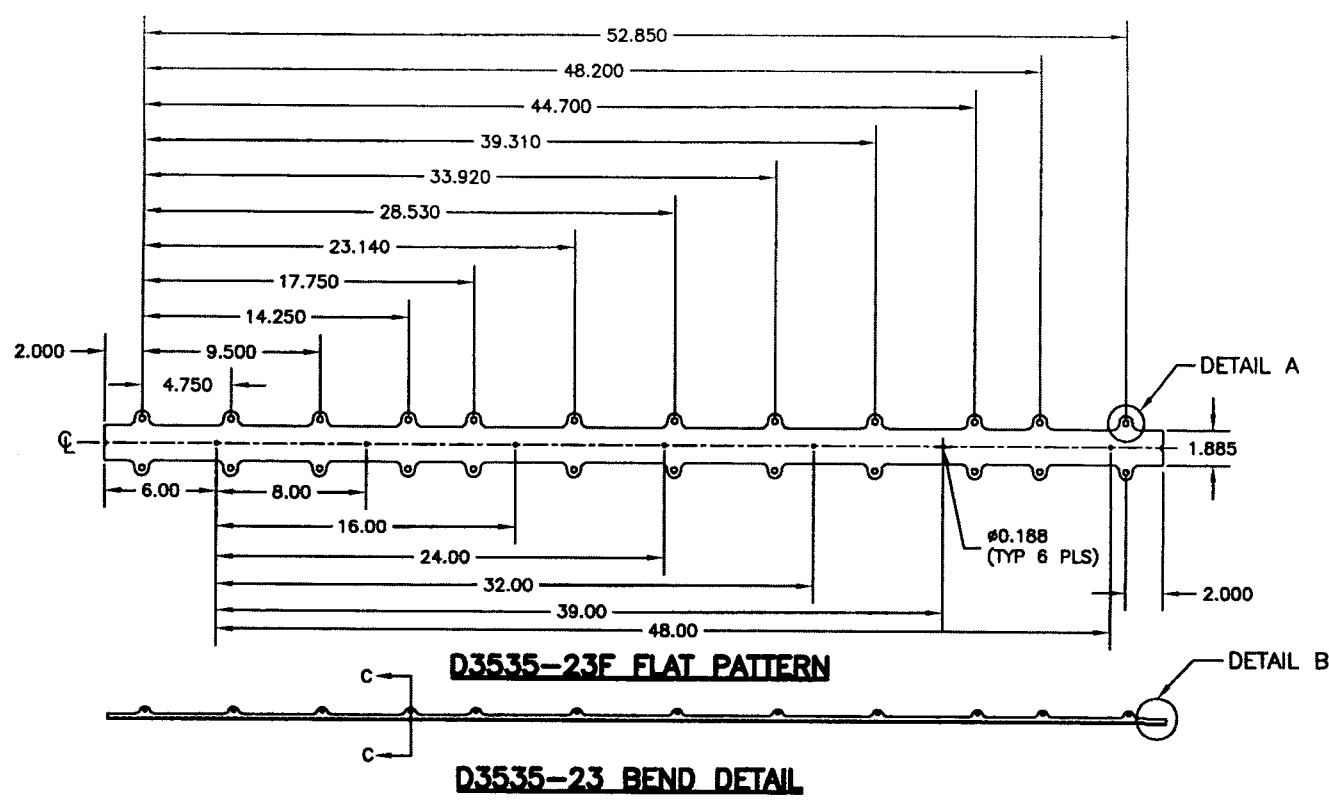
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- NOTES:**
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
  - 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
  - 3) PART IS SYMMETRICAL ABOUT C
  - 4) TOLERANCES ARE PER DART Q018 UNLESS OTHERWISE NOTED
  - 5) ALL DIMENSIONS ARE IN INCHES
  - 6) BREAK ALL SHARP EDGES TO 0.010 MAX
  - 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
  - 8) SEE PAGE 7 FOR DETAILS AND SECTION

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DATE	07.04.17	TITLE	D3535	REV. B
			WEARSHOE	SHEET 3 OF 7
				SCALE 1:10

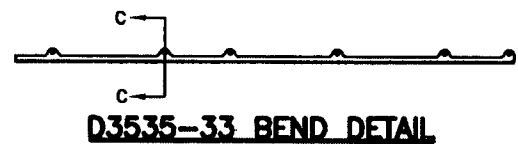
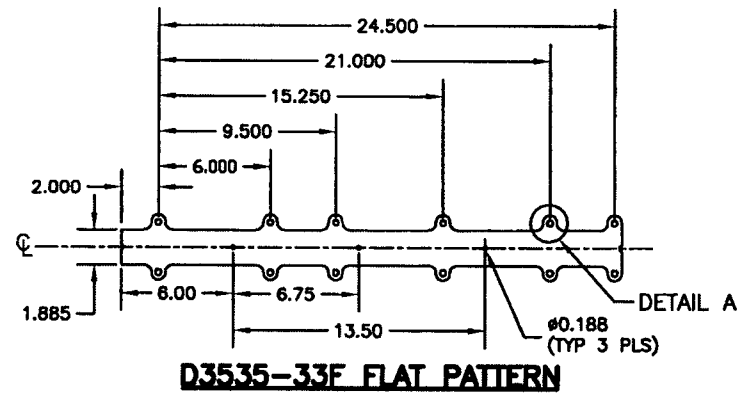
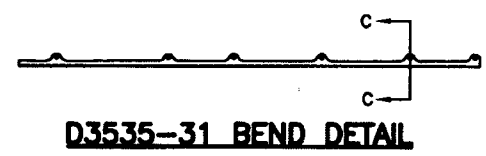
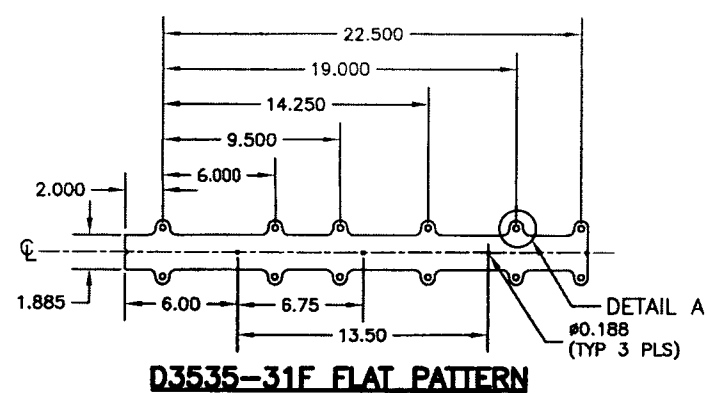
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**NOTES**

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DATE <b>07.04.17</b>	TITLE <b>WEARSHOE</b>	SHEET 4 OF 7	SCALE <b>1:10</b>

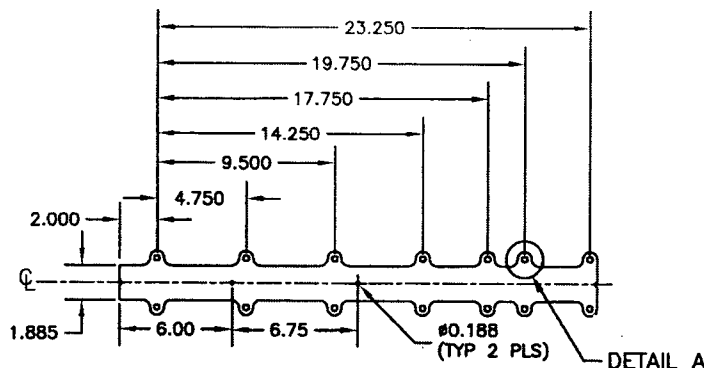
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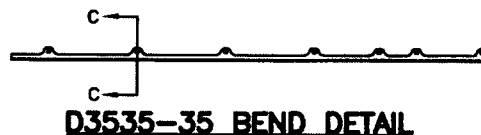
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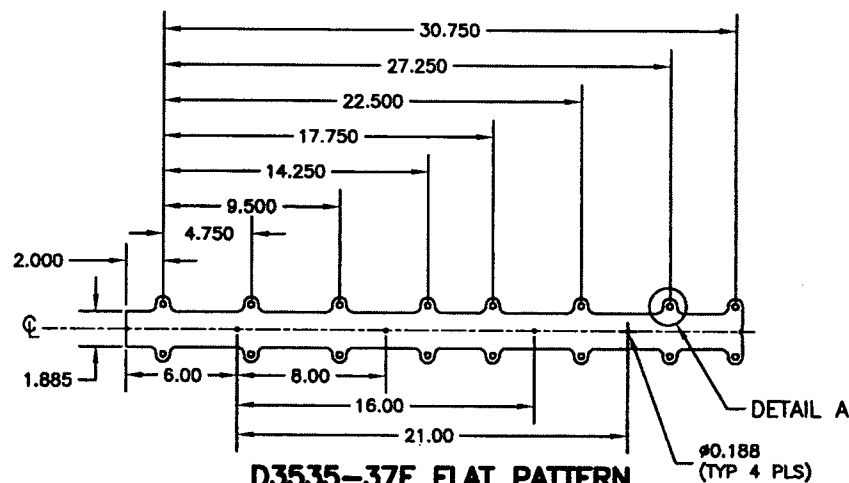
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TITLE	WEARSHOE	SHEET	5 OF 7	SCALE
				1:10



**D3535-35F FLAT PATTERN**



**D3535-35 BEND DETAIL**



**D3535-37F FLAT PATTERN**



**D3535-37 BEND DETAIL**

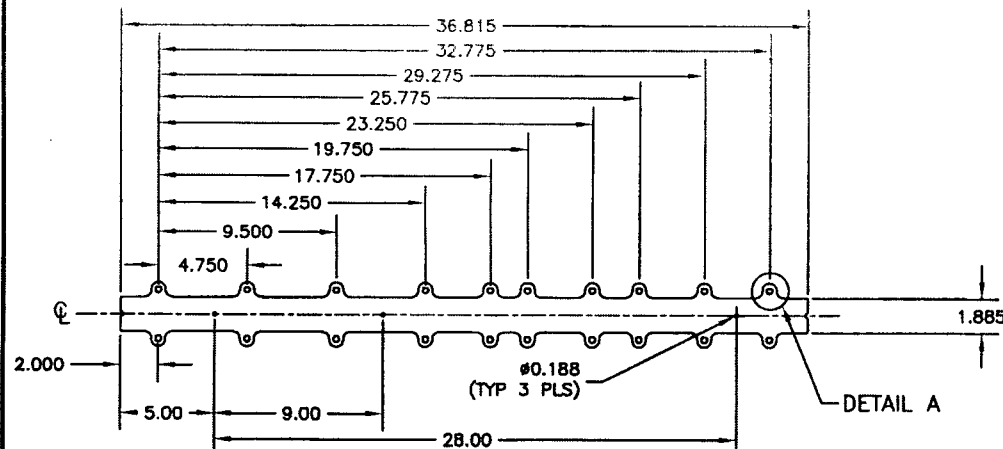
**NOTES**

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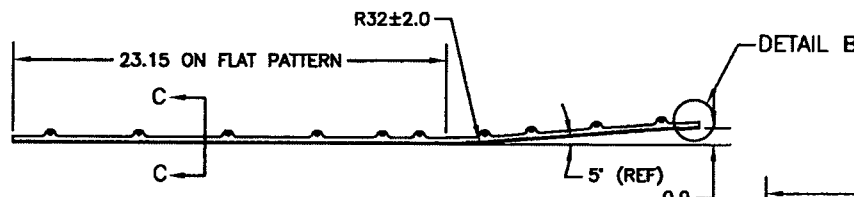
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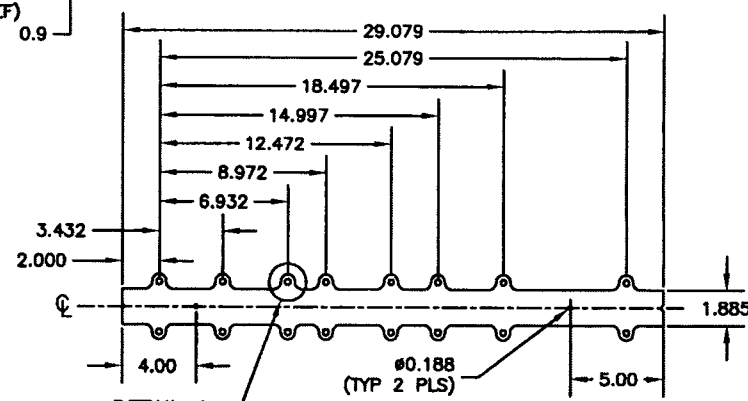
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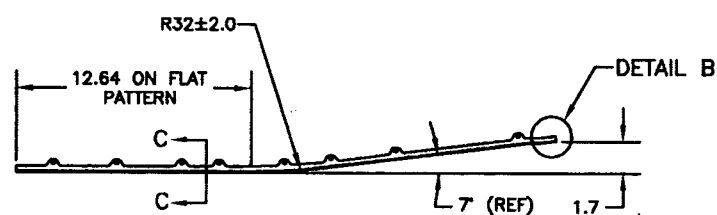
**D3535-39F FLAT PATTERN**



**D3535-39 BEND DETAIL**



**D3535-41F FLAT PATTERN**



**D3535-41 BEND DETAIL**

**NOTES**

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

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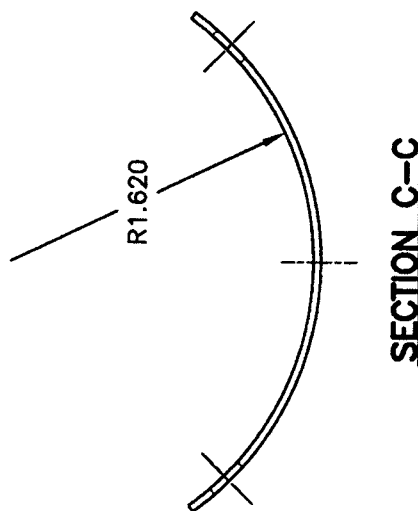
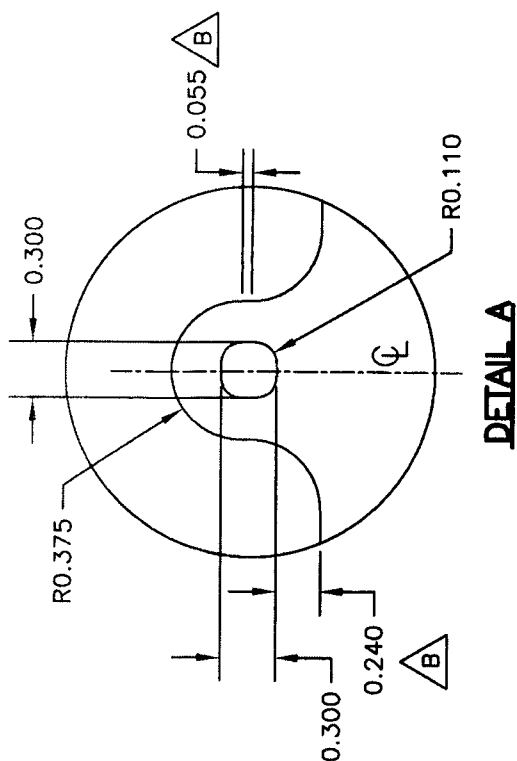
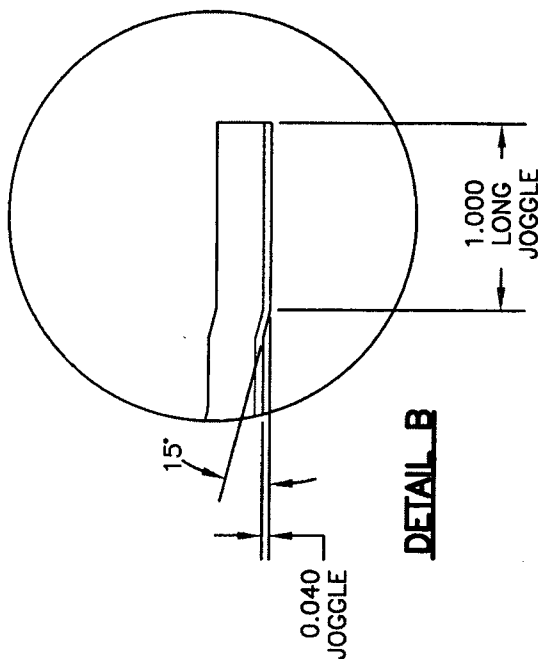
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